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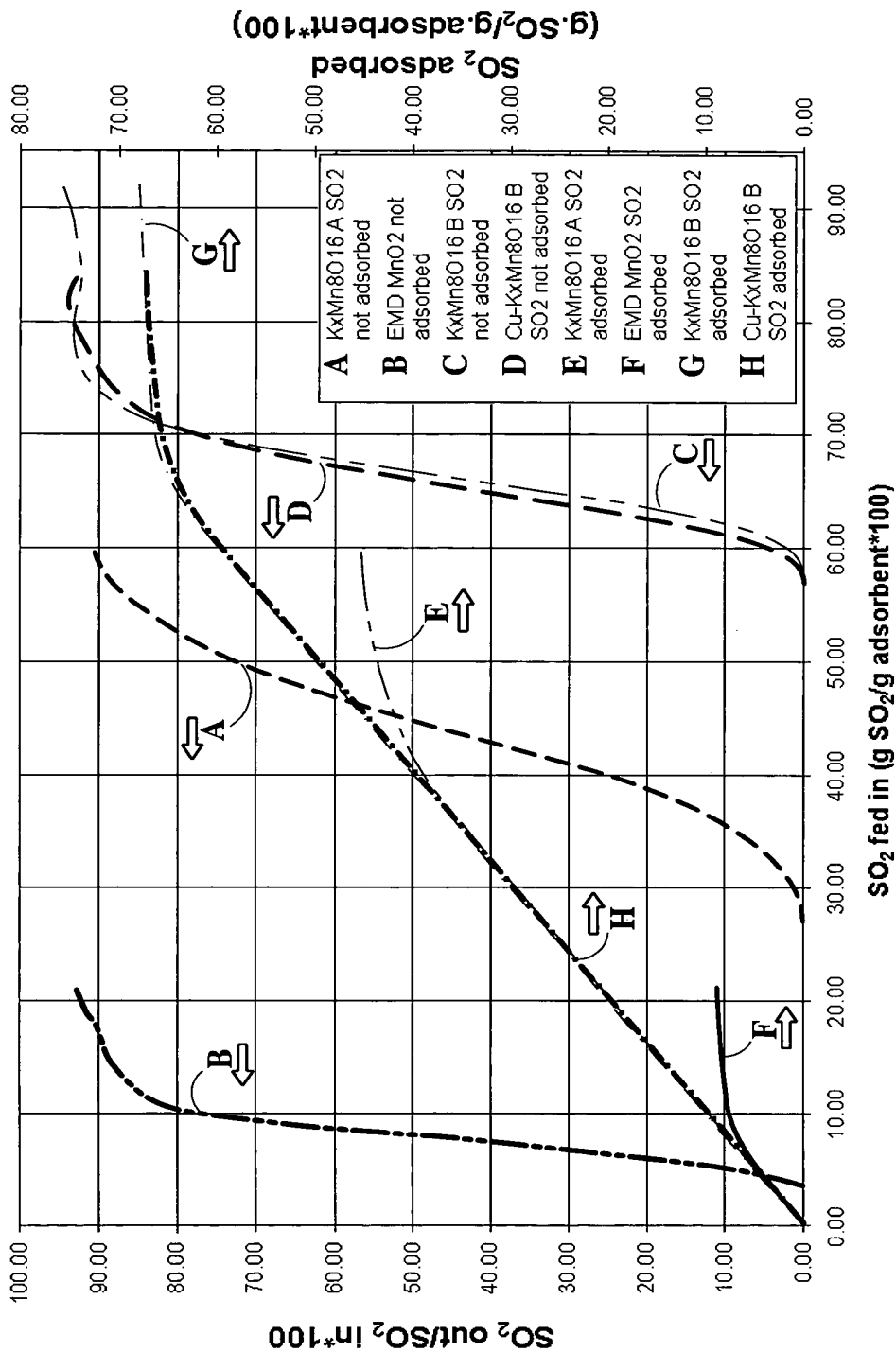
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# **SO<sub>2</sub> absorption on K<sub>x</sub>Mn<sub>8</sub>O<sub>16</sub> A, B, Cu-doped K<sub>x</sub>Mn<sub>8</sub>O<sub>16</sub> B, and EMD**

**MnO<sub>2</sub> at 325°C**



**Fig. 1**

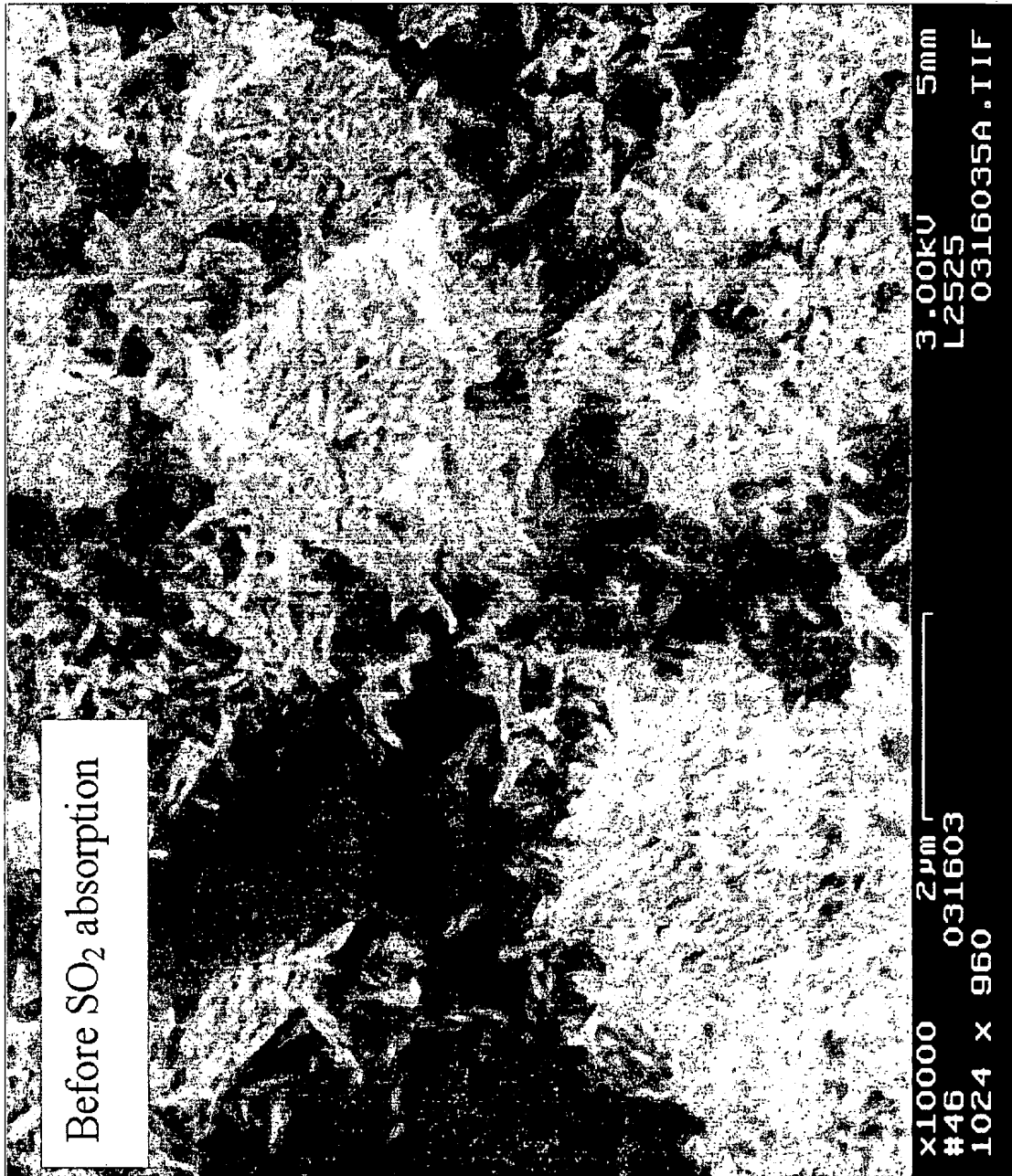
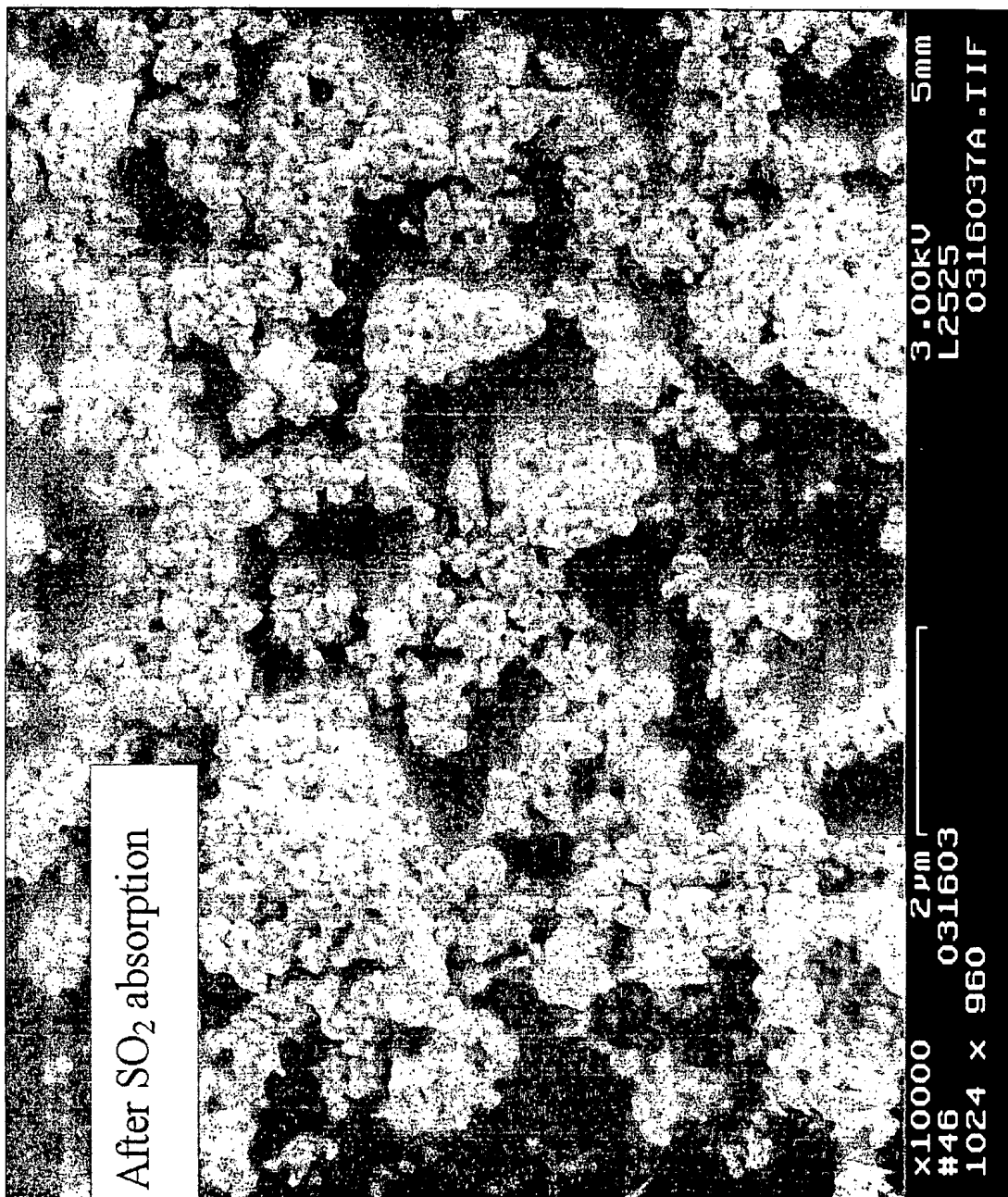
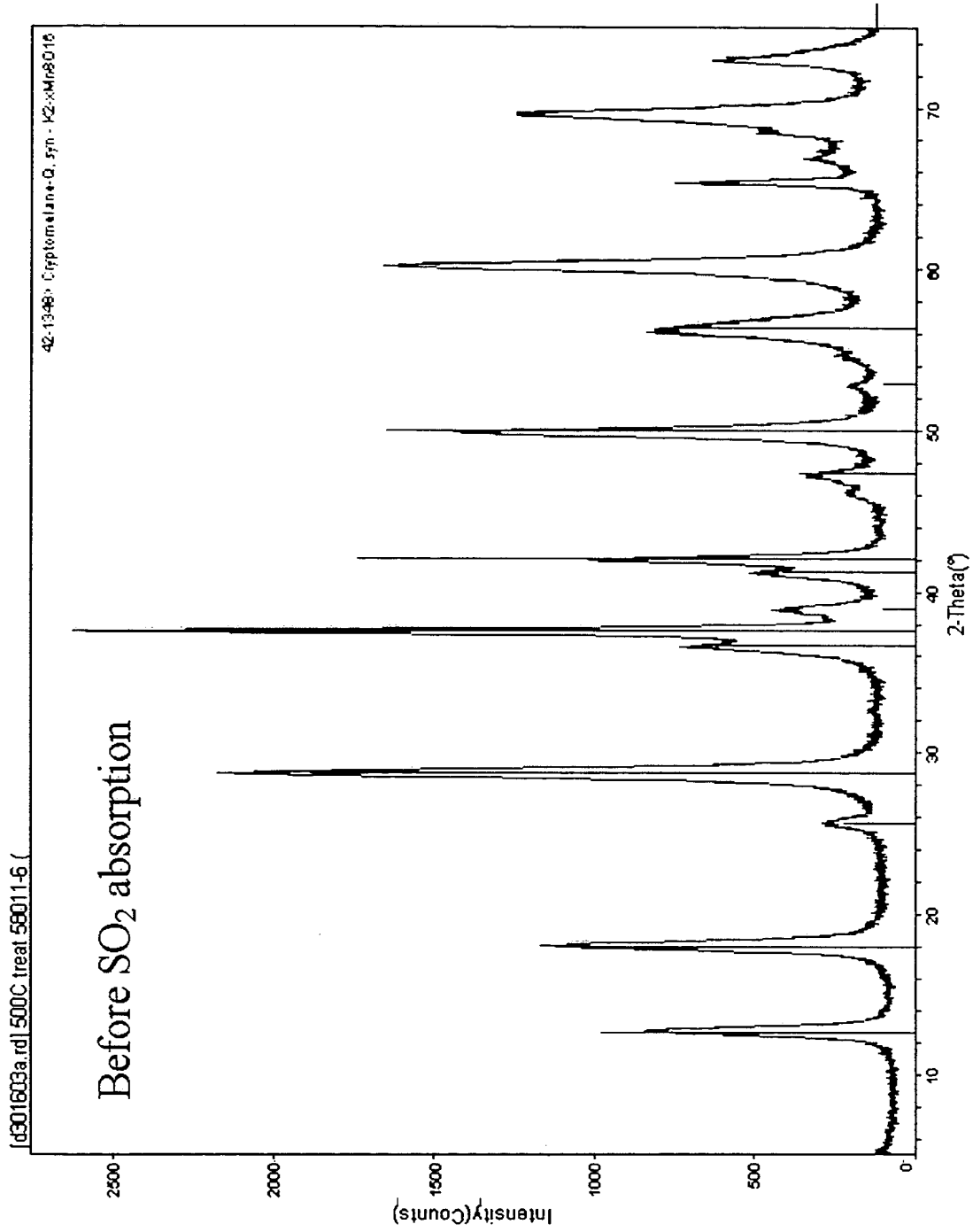


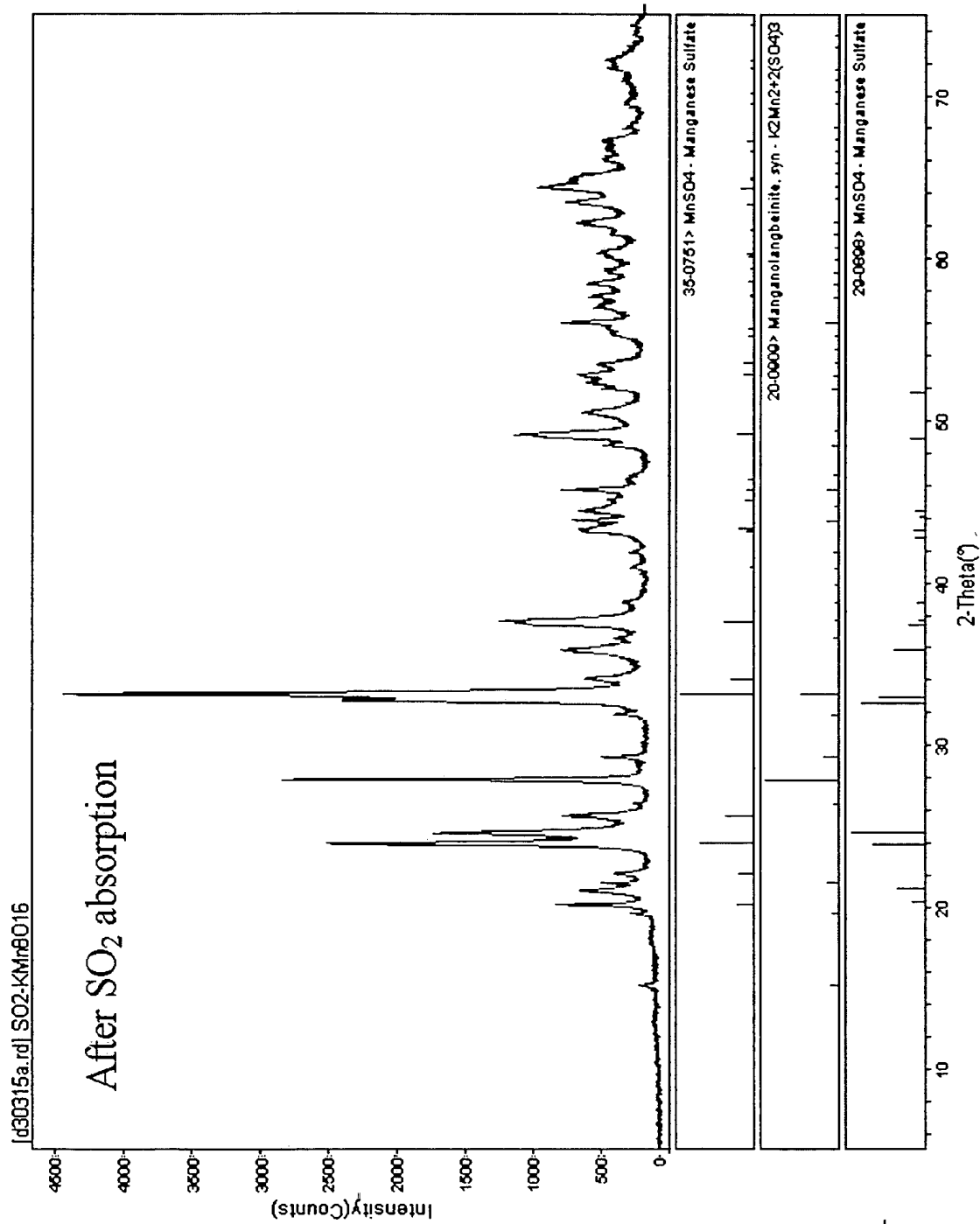
Fig. 2a



**Fig. 2b**

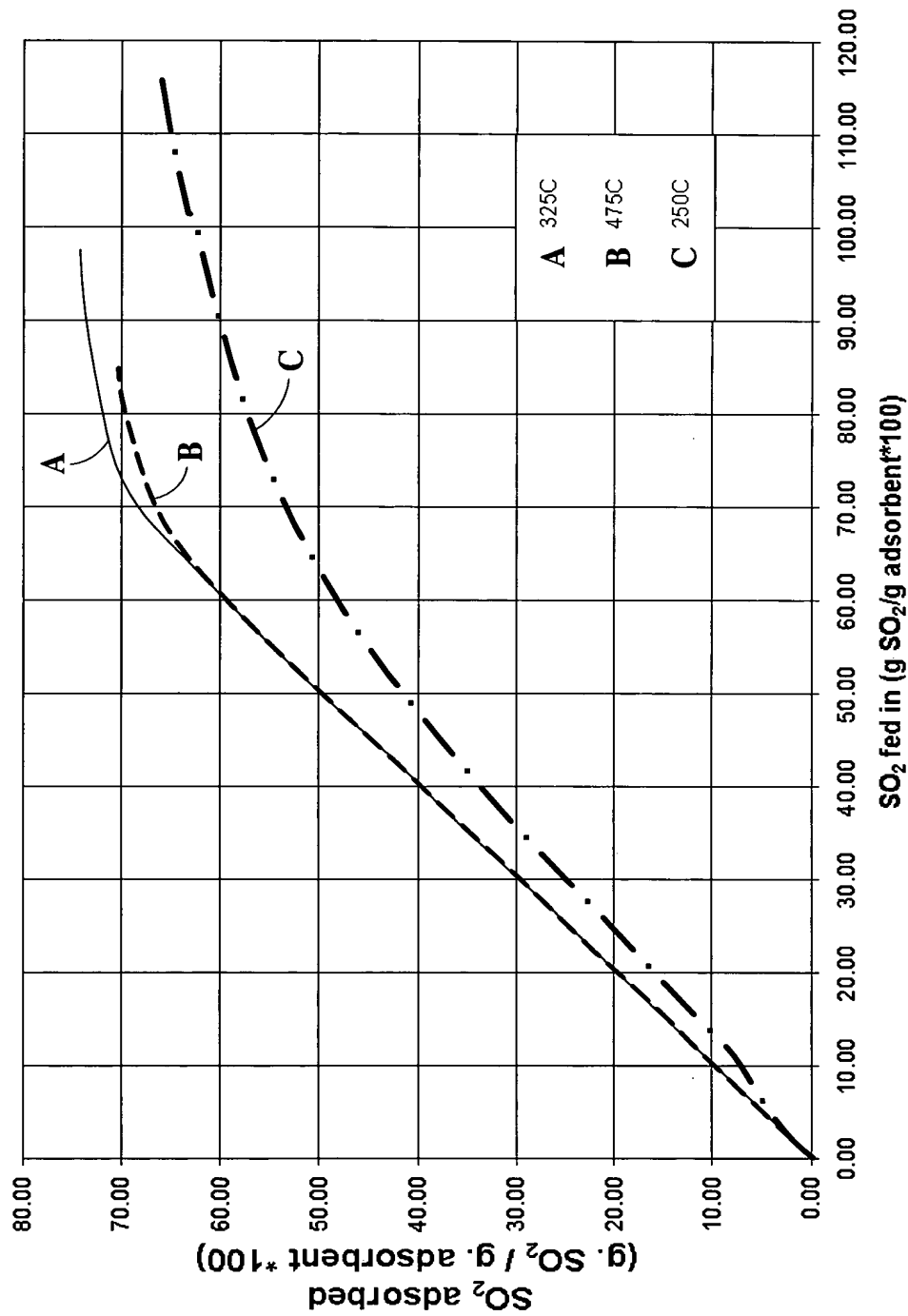


**Fig. 3a**



**Fig. 3b**

**SO<sub>2</sub> absorption on K<sub>x</sub>Mn<sub>8</sub>O<sub>16</sub> B at 250°C, 325°C and 475°C  
(~ 7500hr<sup>-1</sup> GHSV).**



**Fig. 4**

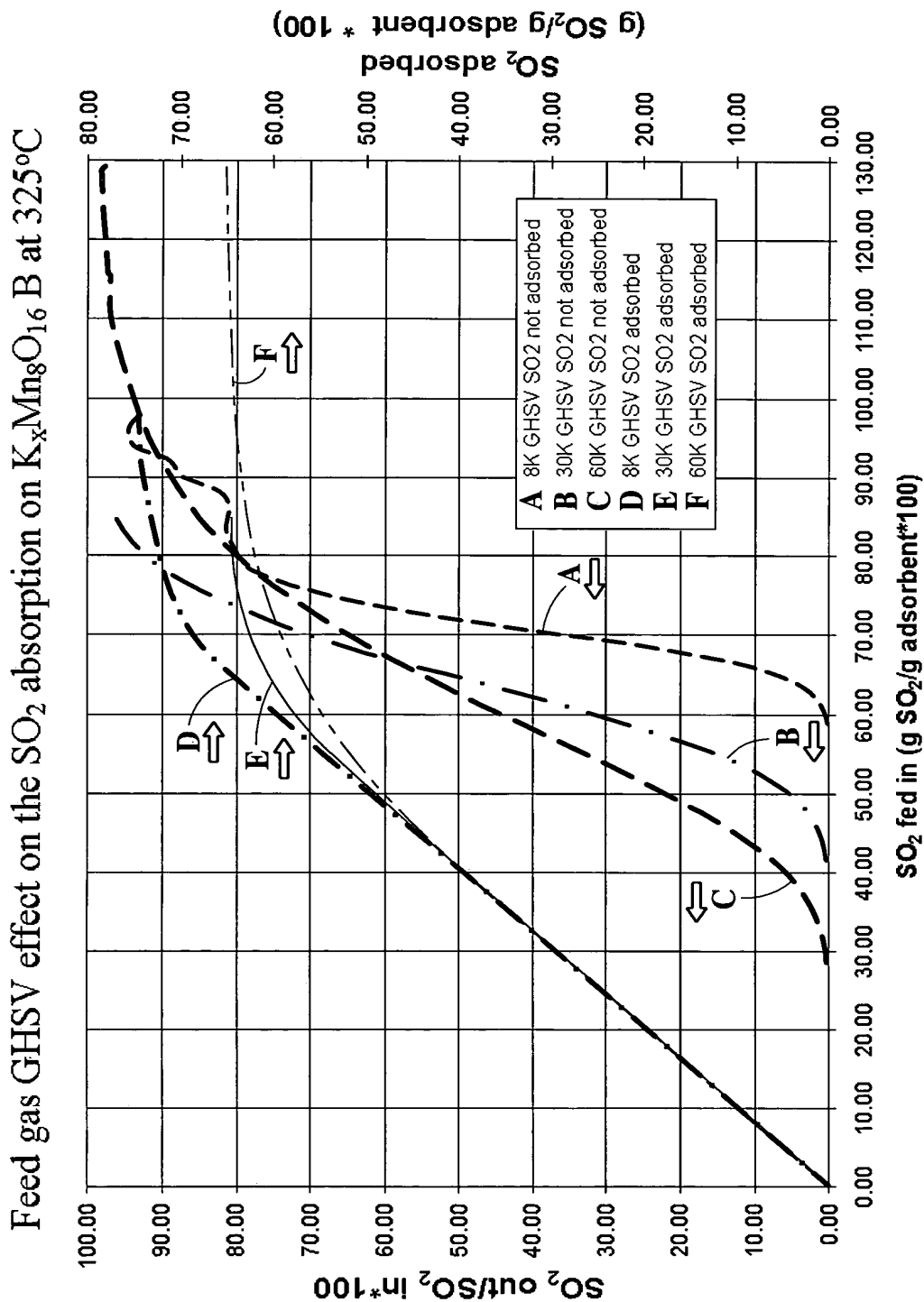


Fig. 5



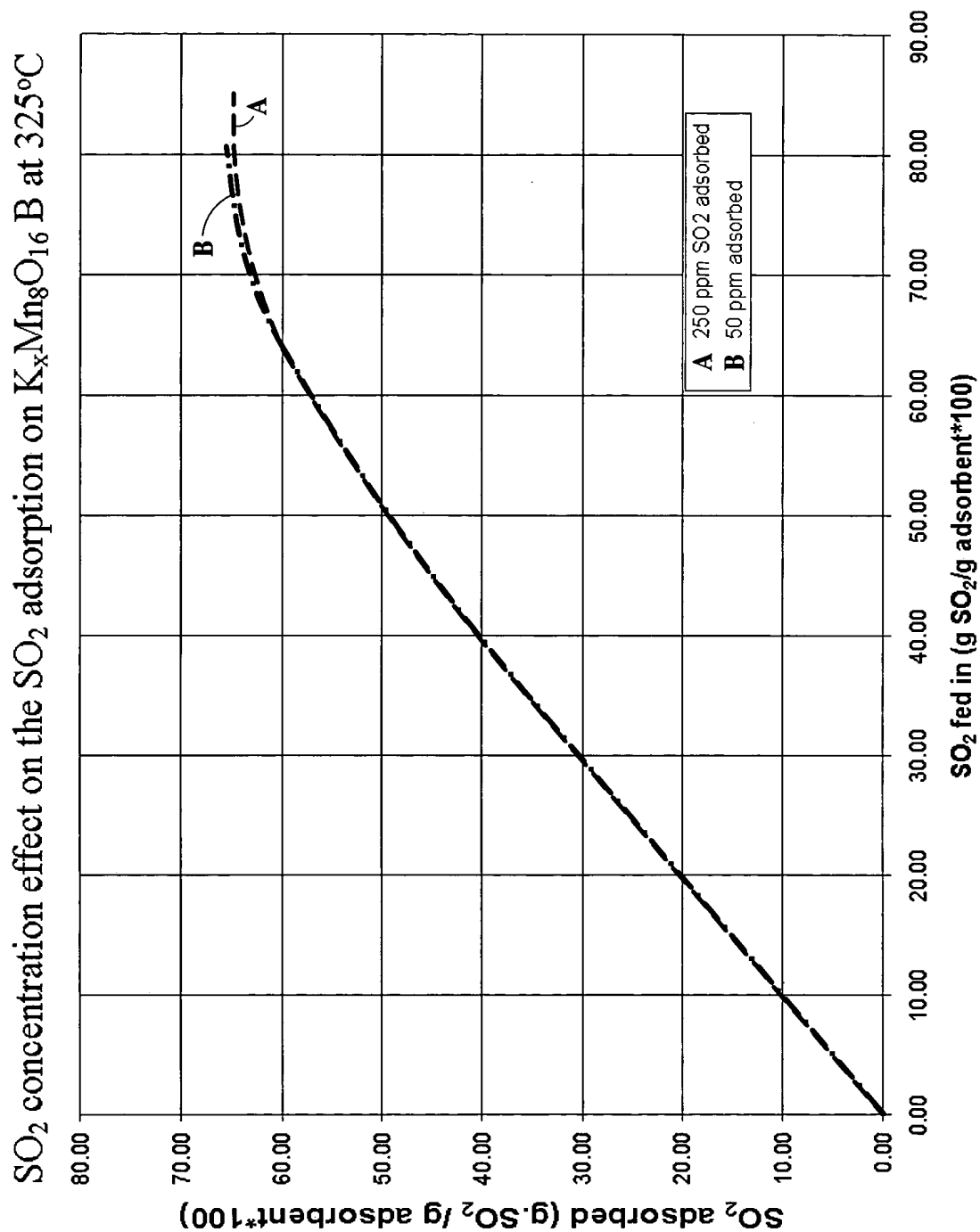


Fig. 6

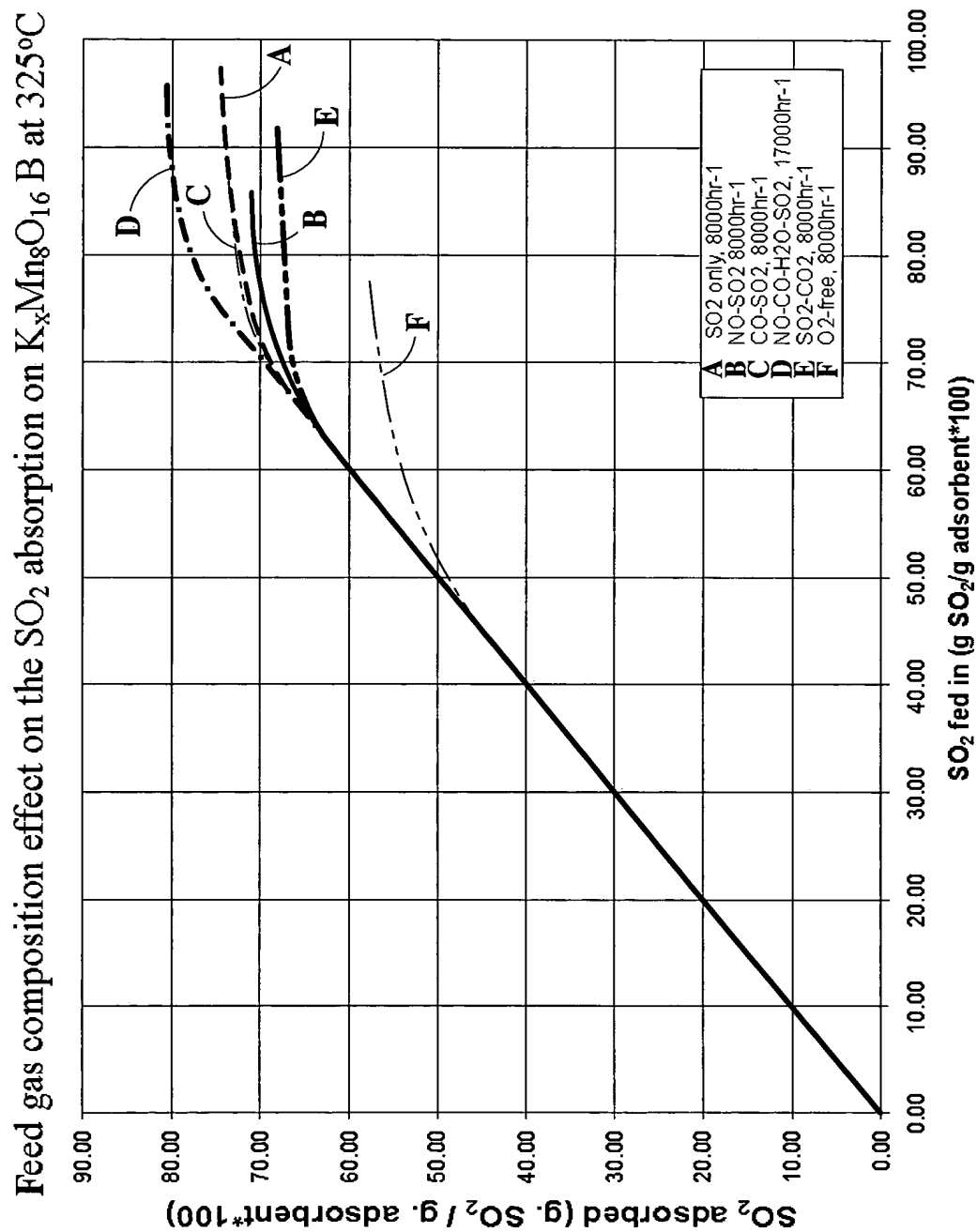


Fig. 7

SO<sub>2</sub> absorption on Na<sub>2</sub>Mn<sub>5</sub>O<sub>10</sub> with 2 x 3 tunnels of MnO<sub>6</sub> units

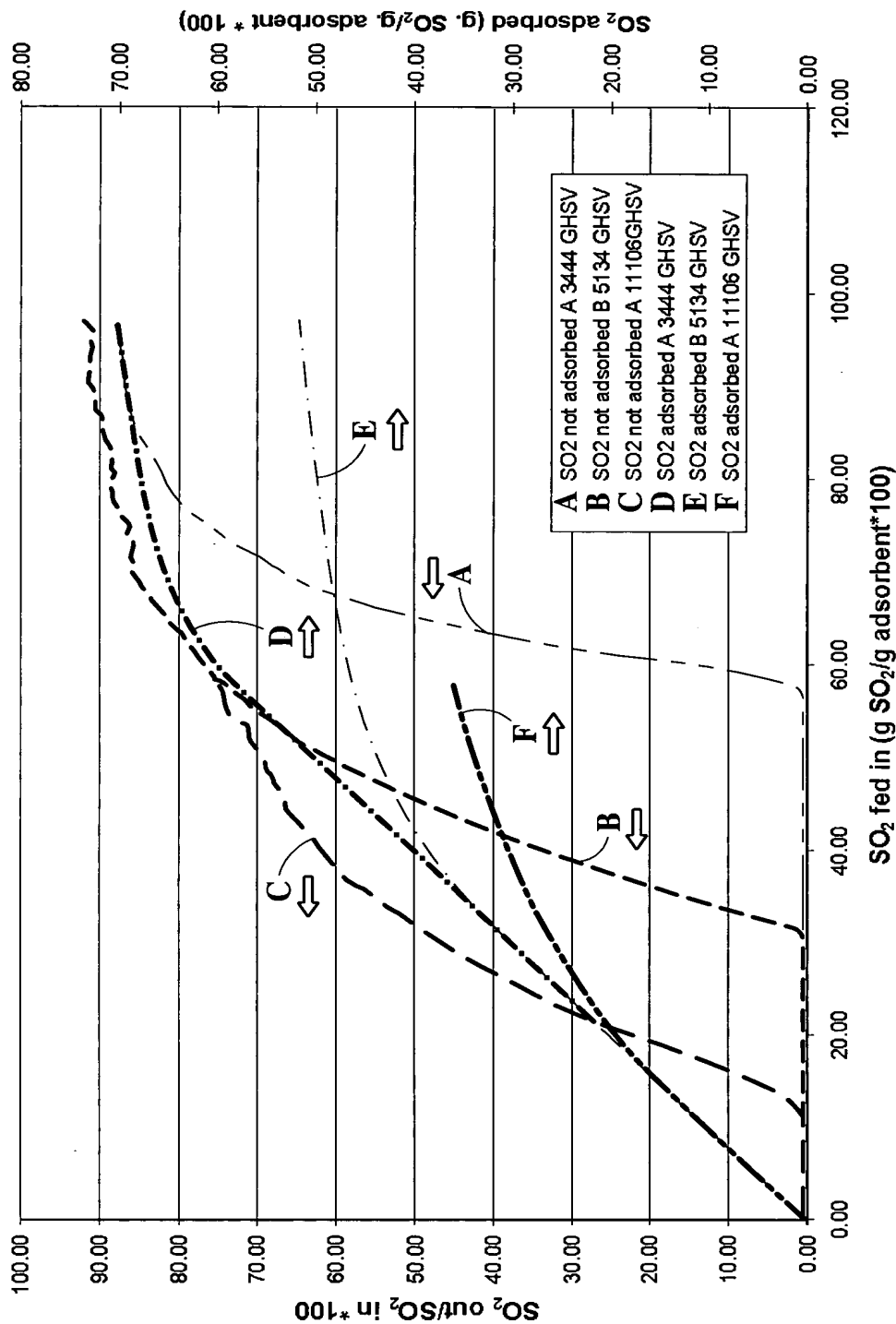


Fig. 8

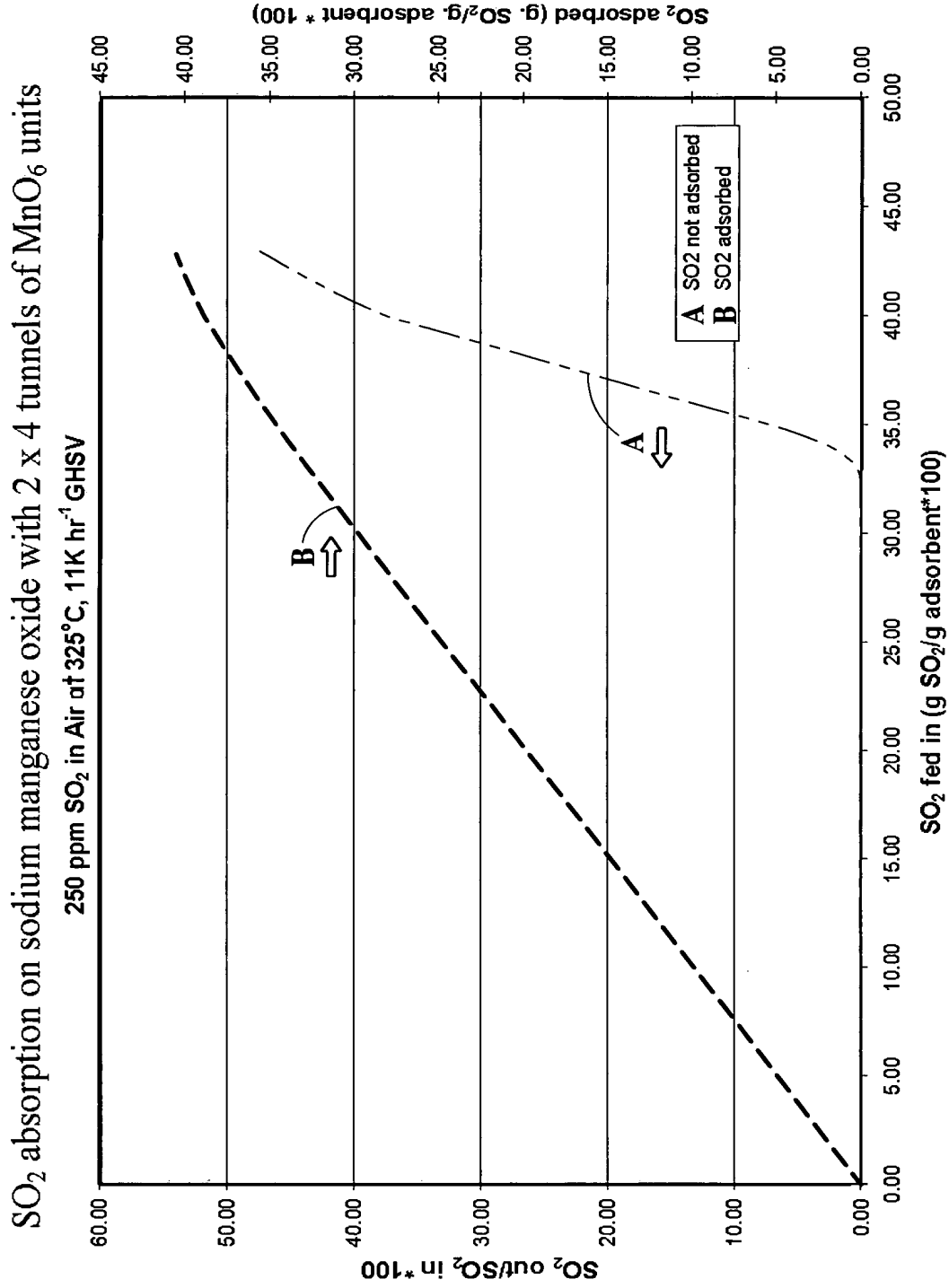
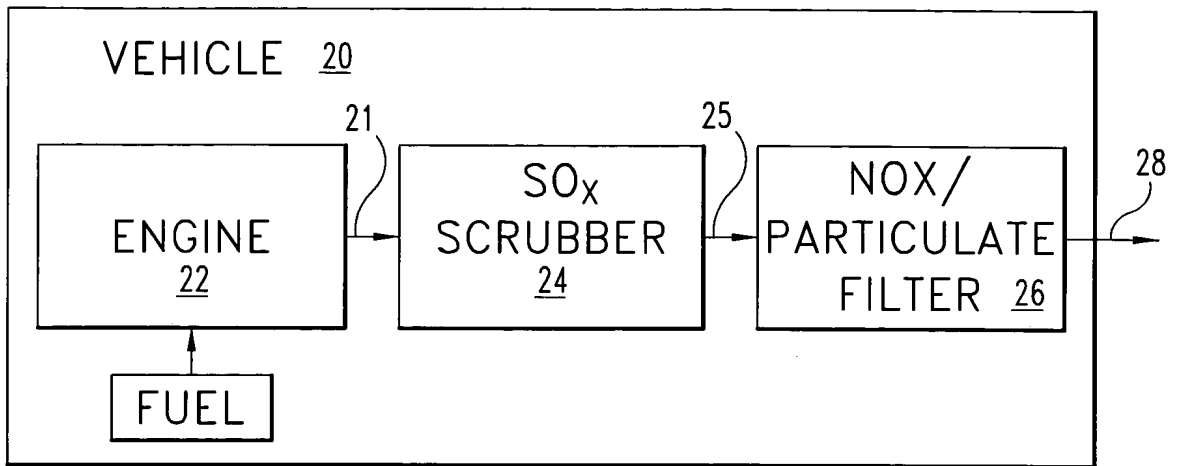
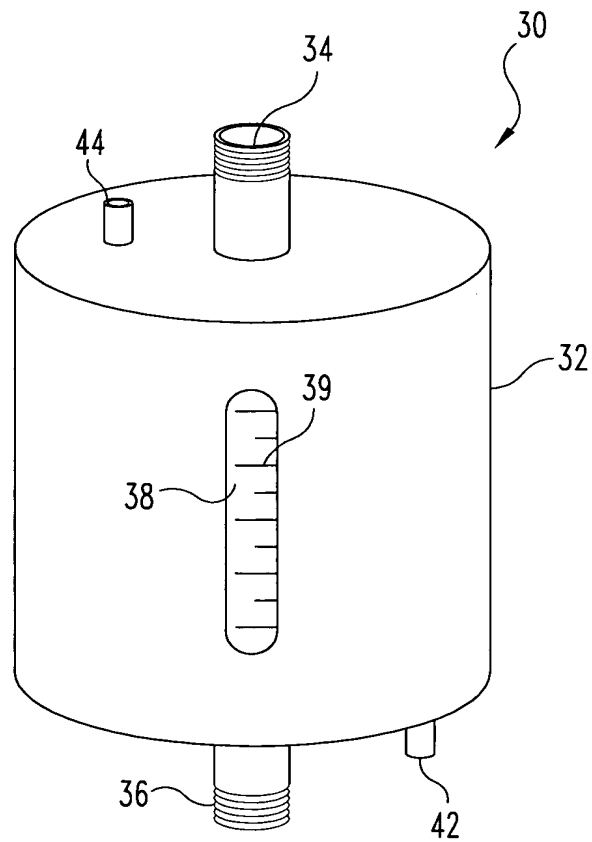


Fig. 9



**Fig. 10**



**Fig. 11**